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|--|---|-------------------|------|------------------------|-----------------|
| | | | | Application Number | 10/584,139 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | SURE | Filing Date | 6/26/2006 |
| | | | ANT | First Named Inventor | Hiroshi YOSHIDA |
| | | | | Art Unit | 1634 |
| (use as many sheets as necessary) | | | ry) | Examiner Name | Forman |
| Sheet | 1 | of | 2 | Attorney Docket Number | 500.46239X00 |

| | | | U.S. PATENT D | OCUMENTS | |
|-----------------------|--------------------------|---|--------------------------------|---|---|
| Examiner Initials' | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- 6,916,614 | 07-12-2005 | Takenaka | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------|---|---|----------------|
| Examiner Initials' | Cite No. ¹ | Foreign Patent Document Country Code ³ –Number ⁴ –Kind Code ⁵ (<i>if known</i>) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | JP 2001-242135 | 09-07-2001 | Takenaka | | |
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| | | | PLICANT | First Named Inventor | Hiroshi YOSHIDA |
| | | | | Group Art Unit | 1634 |
| (use as many sheets as necessary) | | | essary) | Examiner Name | Forman |
| Sheet | 2 | Of | 2 | Attorney Docket Number | 46239X00 |

| | _ | NON PATENT LITERATURE DOCUMENTS | _ |
|-----------------------|--------------|---|----------------|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Micromachine Technology Comprehensive List, edited by Micromachine Technology Comprehensive List Editorial Board and published by Industrial Technology Service Co., Jan. 22, 2003, pages 365-371 and 700-702. | |
| | | English translation of Japanese Office Action of Appln. 2003-431801 dated July 28, 2009. | |
| | | Copy of Japanese Office Action 2003-431801 mailed November 4, 2009 with translation | |
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